

CLAIMS

1. A castor comprising a fork having a pair of lobes between which extends a transverse axle carrying at least one wheel rotatable thereon, and an upright member to which may be connected a frame or chassis of a load bearing object such as a trolley; characterised by at least one journal bearing disposed to provide rotation about an upright axis between the fork and said frame or chassis.
2. A castor according to Claim 1, wherein the fork is freely rotatable on the first bearing with respect to a first member connected to the fork; the first member is freely rotatable on a second bearing with respect to a second member connected to the first member; the second member being adapted for connection to a frame or chassis of a load bearing object such as a trolley.
3. A castor according to Claim 2, wherein the first and second bearings are on aligned axes.
4. A castor according to Claim 1 or Claim 2, including three or more roller or ball bearings.
5. A castor according to Claim 2 or Claim 3, wherein the first bearing is a thrust bearing.

6. A castor according to any one of Claim 2 or Claim 3, wherein the first bearing is a journal bearing.
7. A castor according to Claim 2 or Claim 3, wherein the second bearing is a journal bearing.
8. A castor according to any one of Claims 2, 3 or 5 to 7, wherein the second member is welded to the frame or chassis.
9. A castor according to any one of Claims 2, 3 or 5 to 8, wherein the fork, first member and second member are held in aligned assembly by a single central bolt or rivet.
10. A castor according to any one of Claims 2, 3 or 5 to 9, wherein the first member includes a rotational bearing axially aligned with the axis of rotation of said first member.
11. A castor according to any one of Claims 2, 3 or 5 to 10, wherein the second member comprises a pair of axially aligned rotational bearings, each being axially aligned with the second member.
12. A castor according to Claim 9, wherein the single central bolt or rivet is independently rotatable with respect to the fork and the second member.